How to Make a Flexagon

step-by-step workshop by bre!
(@brattyxbre_)

What is a Flexagon?

Each time the flexagon is folded, different parts of itself get revealed

A few things to note before we get started…

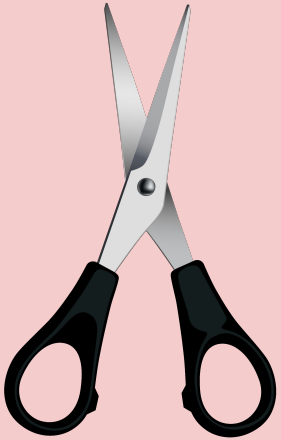
The flexagon I just showed you was made digitally using Procreate on my ipad but this workshop will focus on the basics, so we will be making ours by hand.

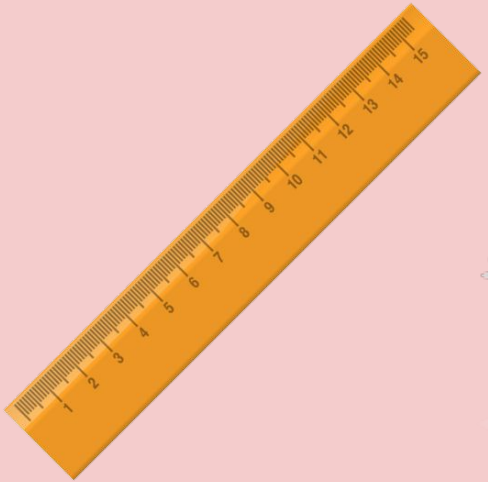
Typically you want to use cardstock for flexagons because it’s more sturdy for continuous folding, but for accessibility regular copy paper will work for our session today.

It’s optional whether you decorate your flexagon before assembling or after, but for this session we will be decorating after.

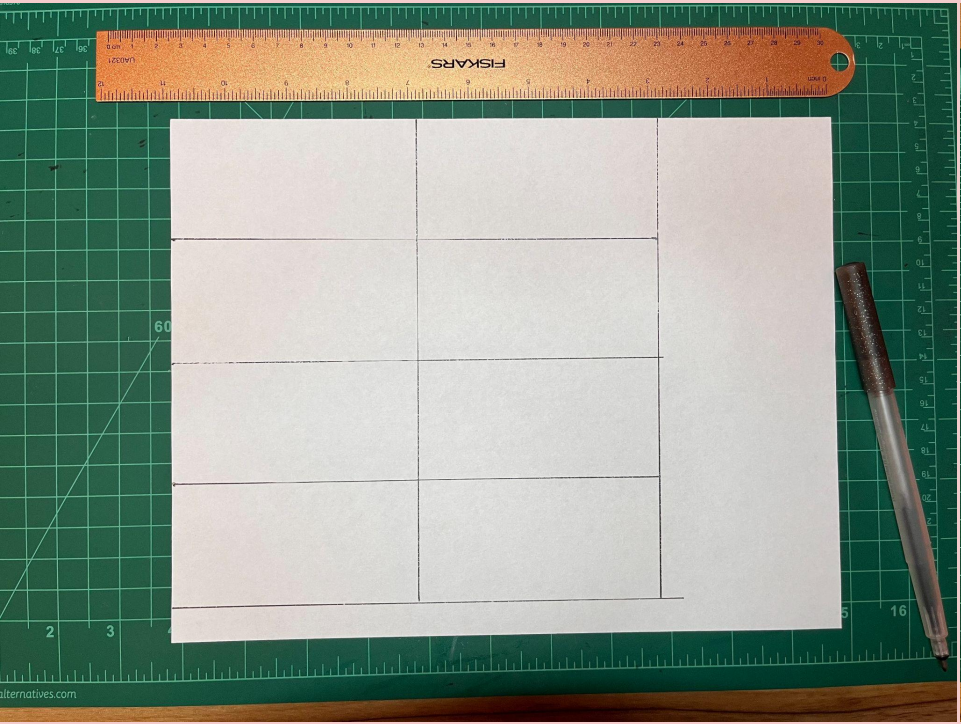
What you need to make your flexagon!

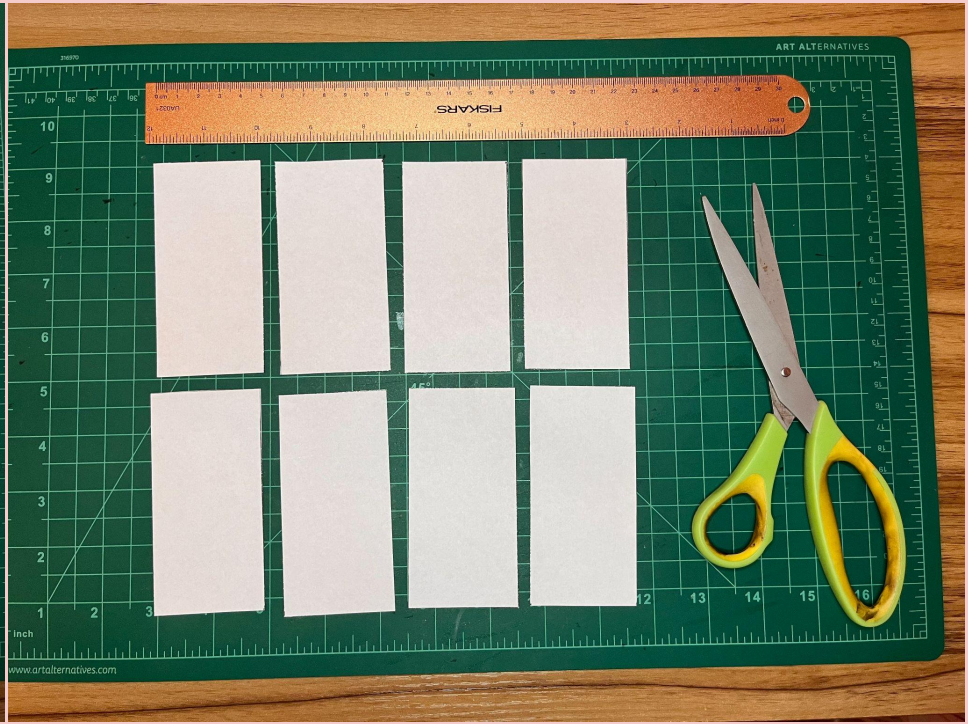
Scissors, ruler, plain white paper, glue, and things to decorate with





Step One: Cut your pieces





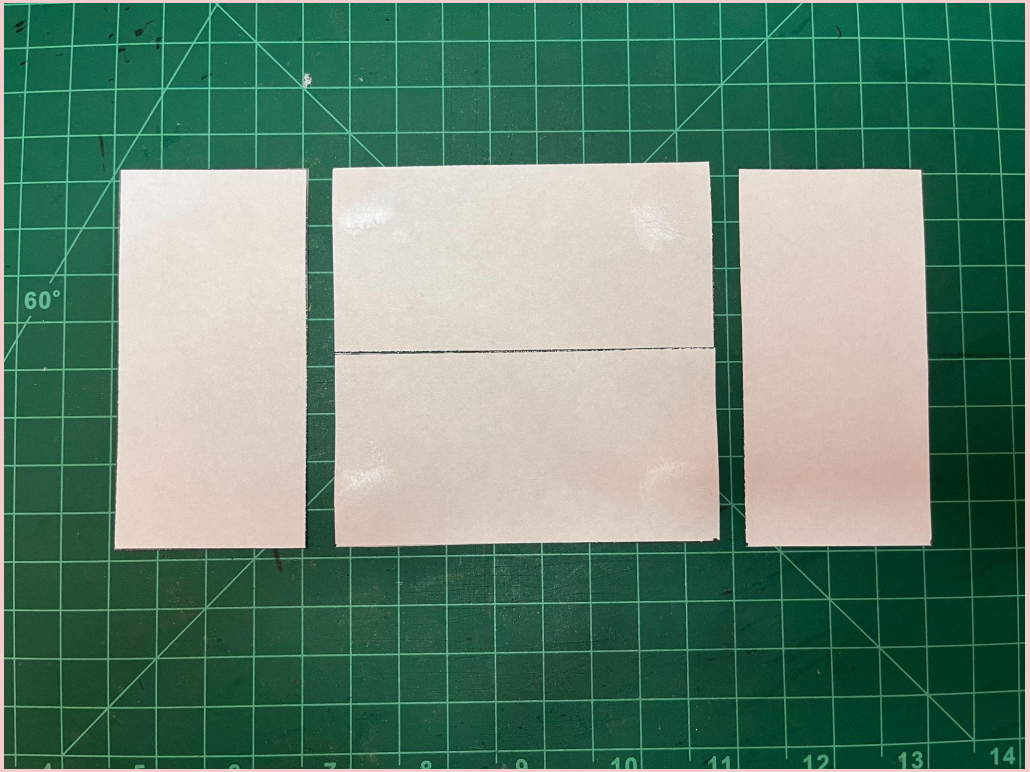
Step Two: Assembly

Take two stips and line them up horizontally like this.

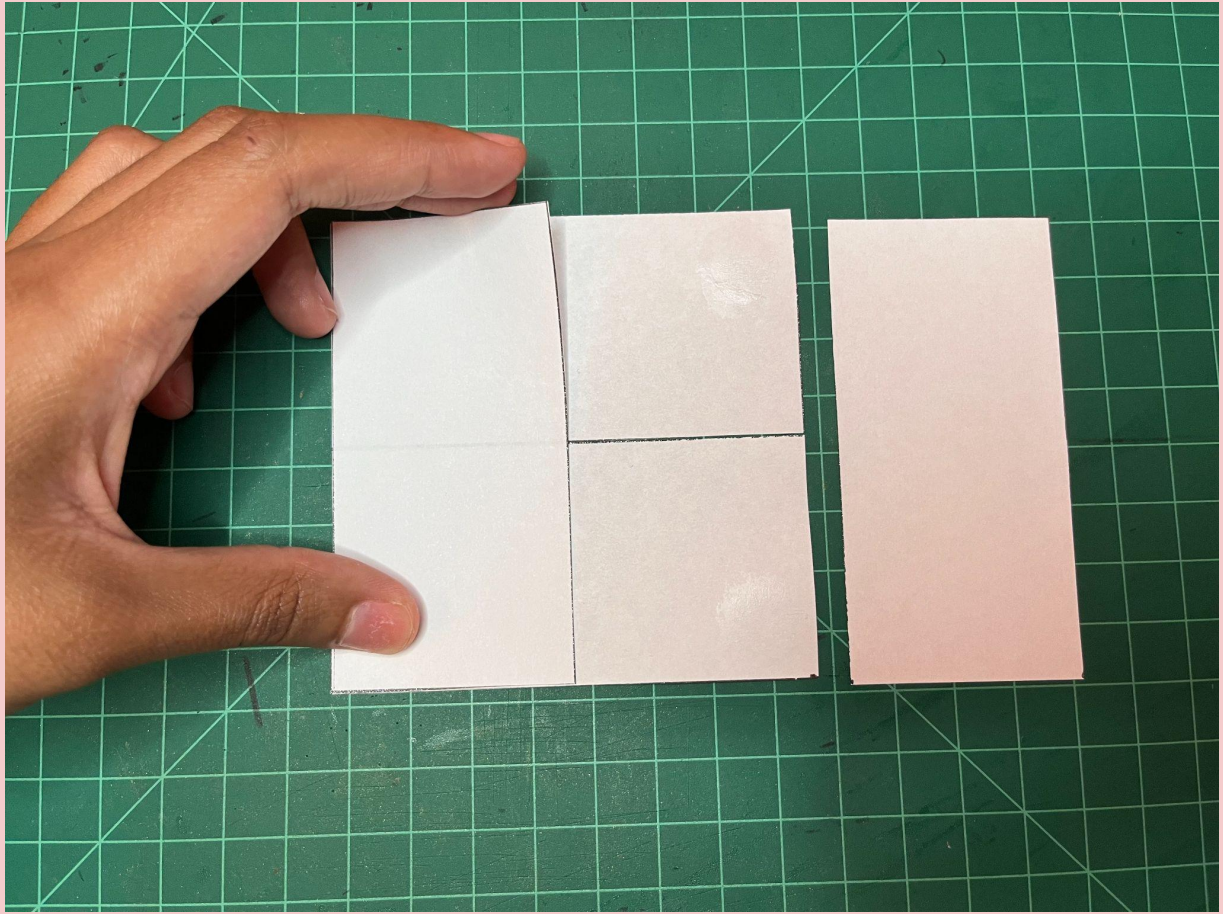
We will need our glue so make sure to have that ready.

Place glue on the corners ONLY!

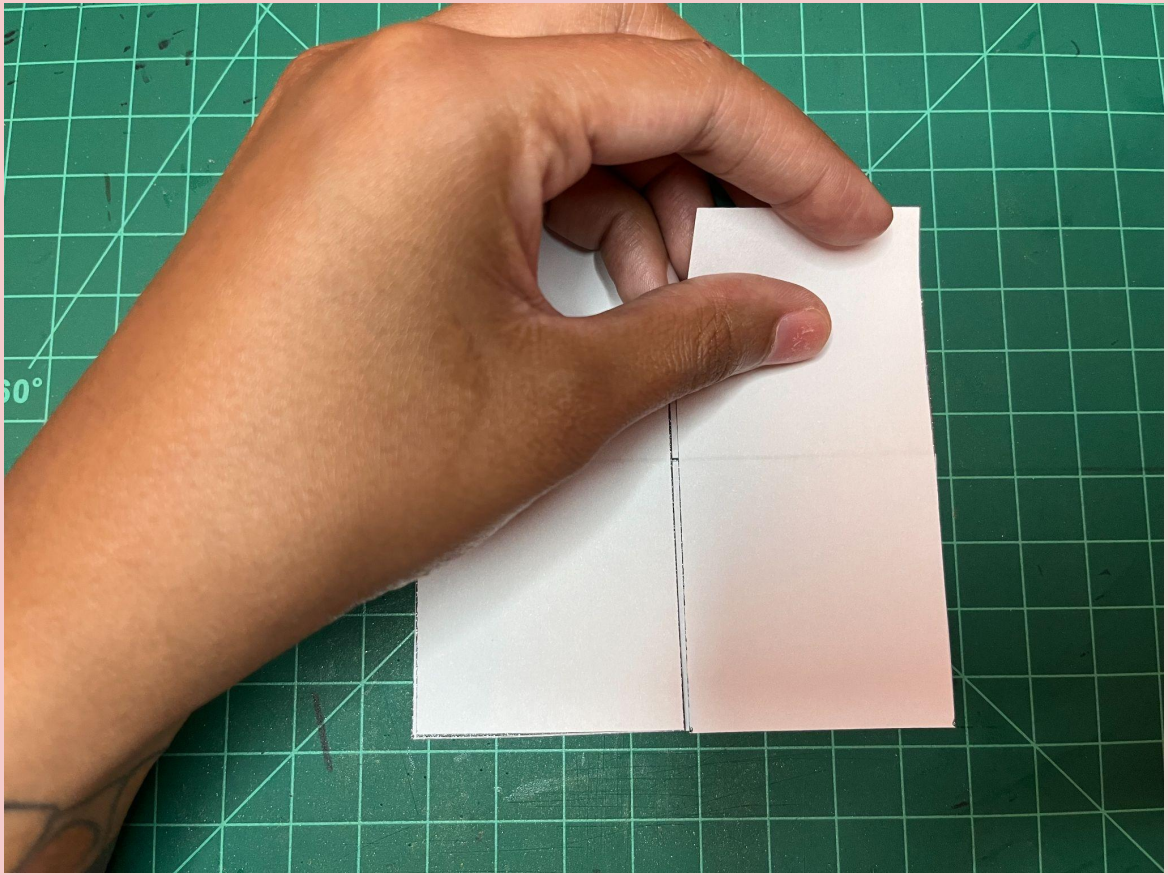
The corners where you should put glue are highlighted in green on the image.

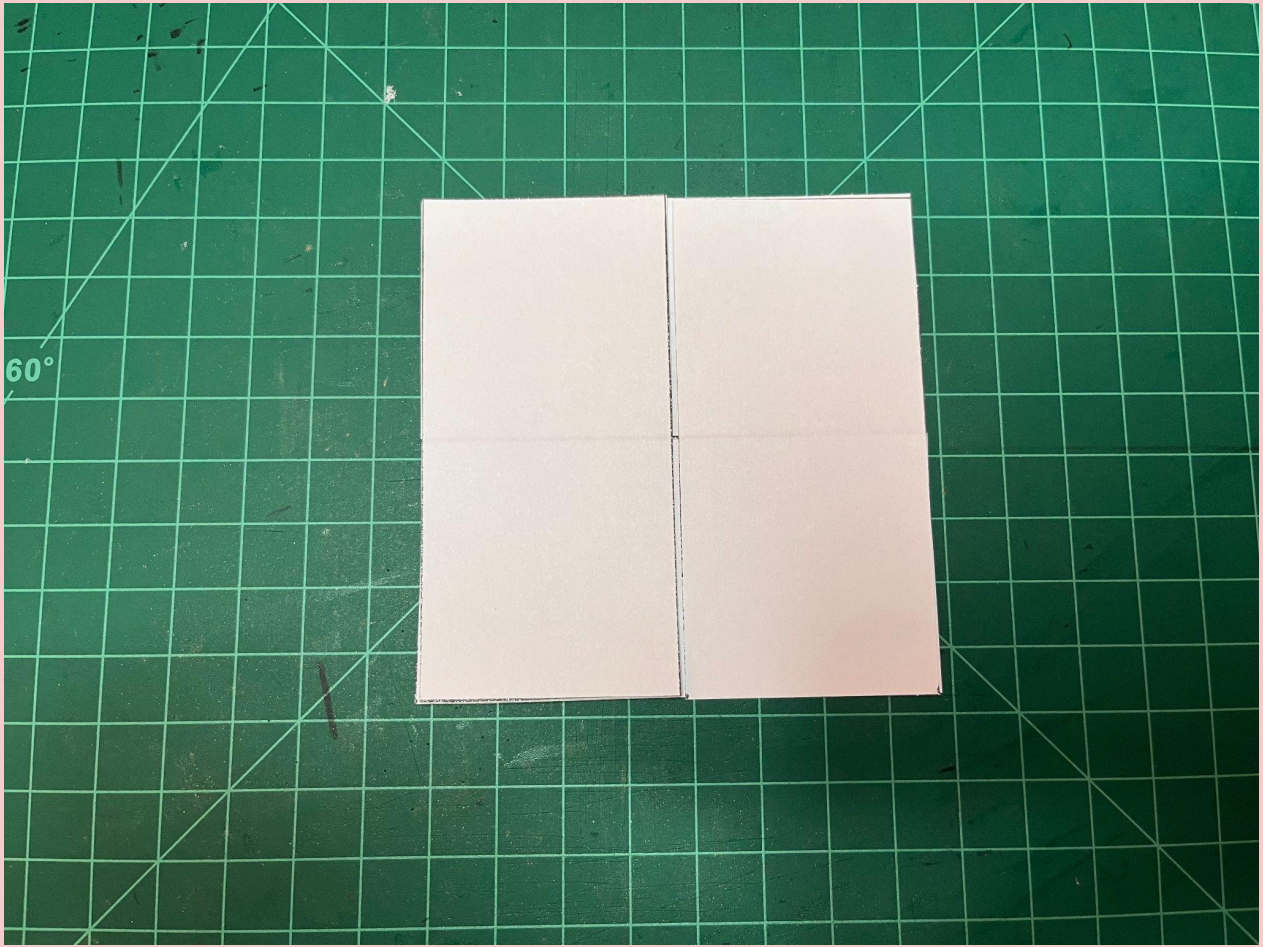


Now that you have glue in the corners, grab two more pieces and line them up vertically.

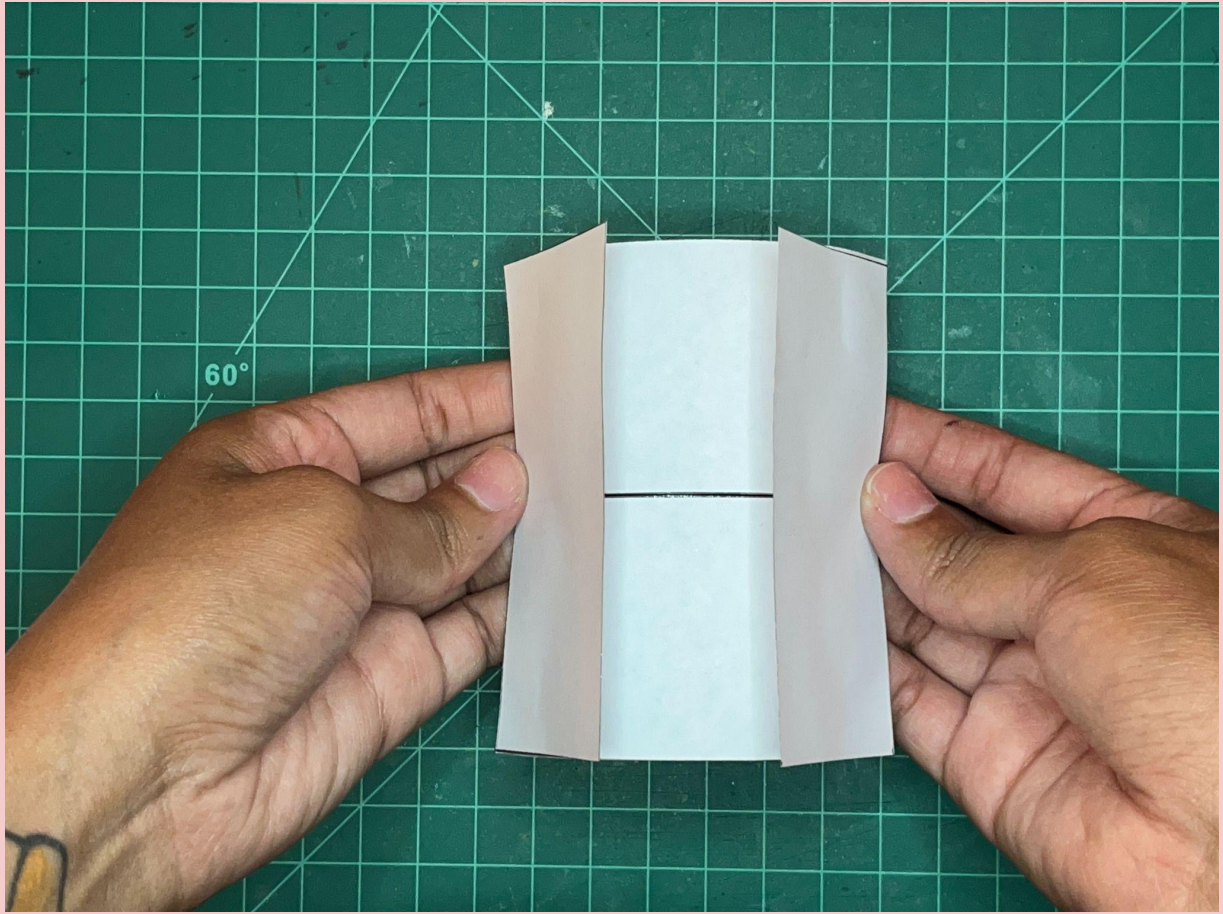


We’re going to put them on top of the glue very carefully… be sure they line up neatly.





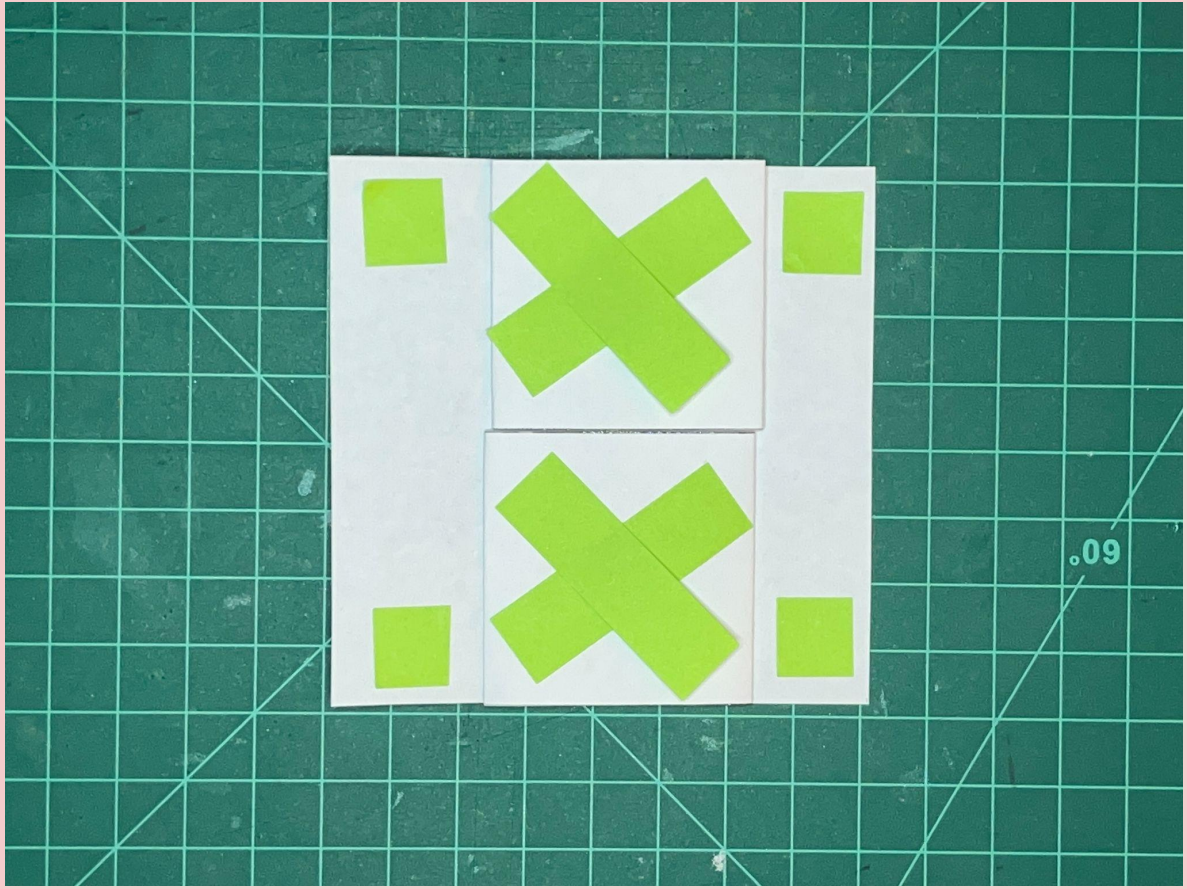
You should have a square that looks like this now…



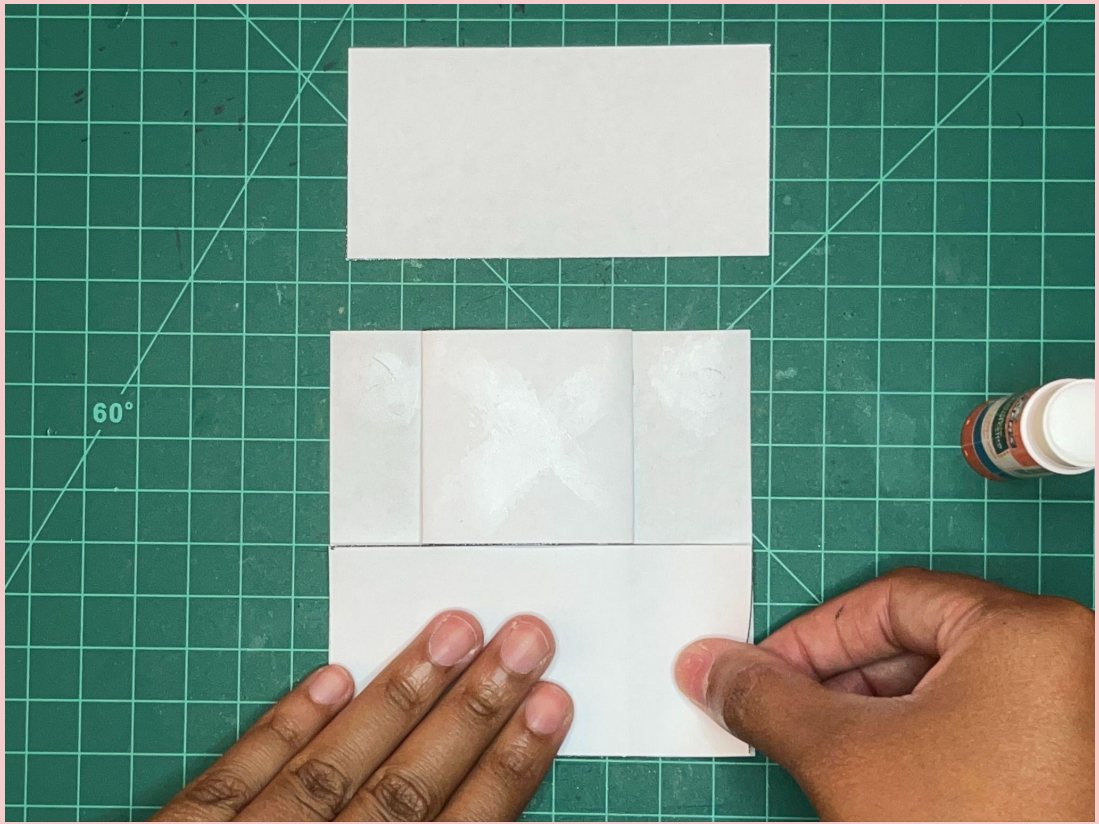
This part is tricky, but now you want to fold open that square.

Make sure to fold it evenly so you still have perfect square.

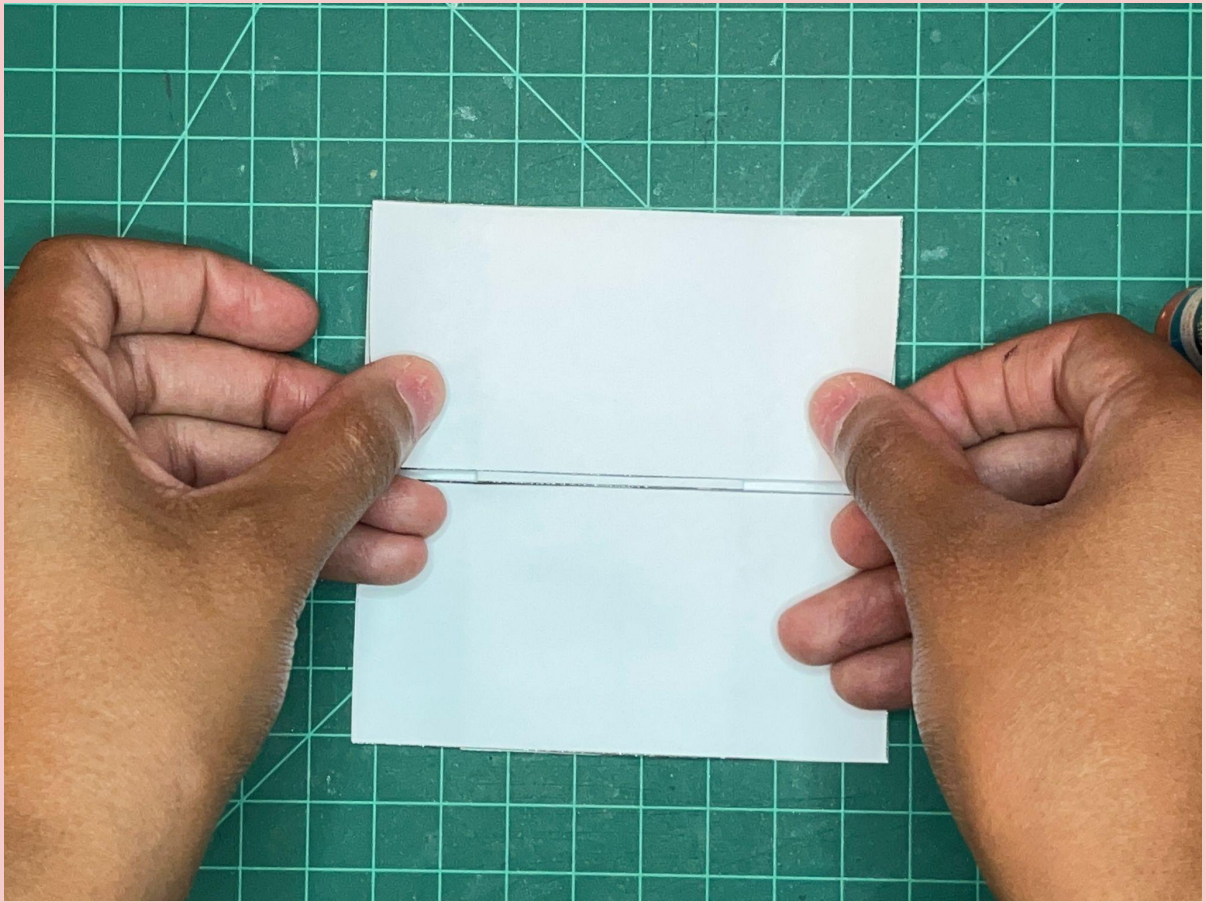
A good way to check this is to flip your flexagon over and line up that side…

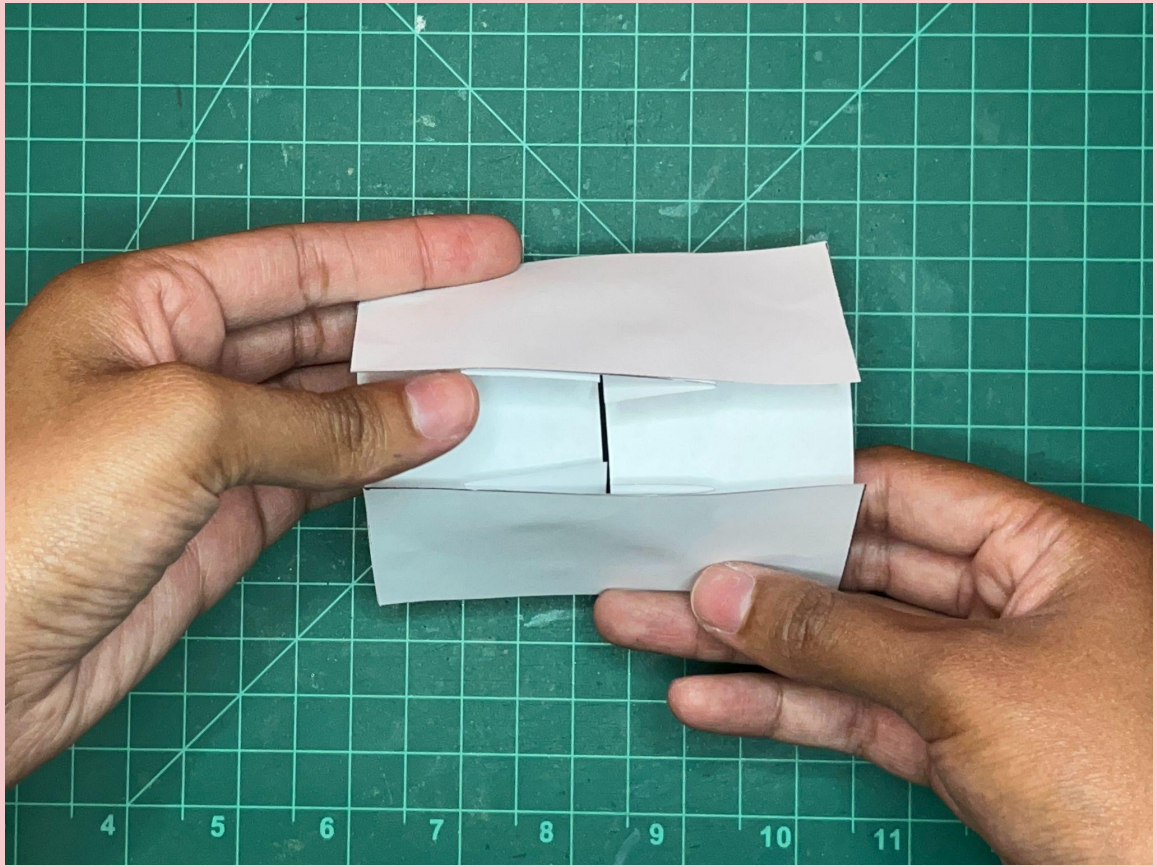


After you've folded the next part, we need to place glue in these highlighted sections ONLY!



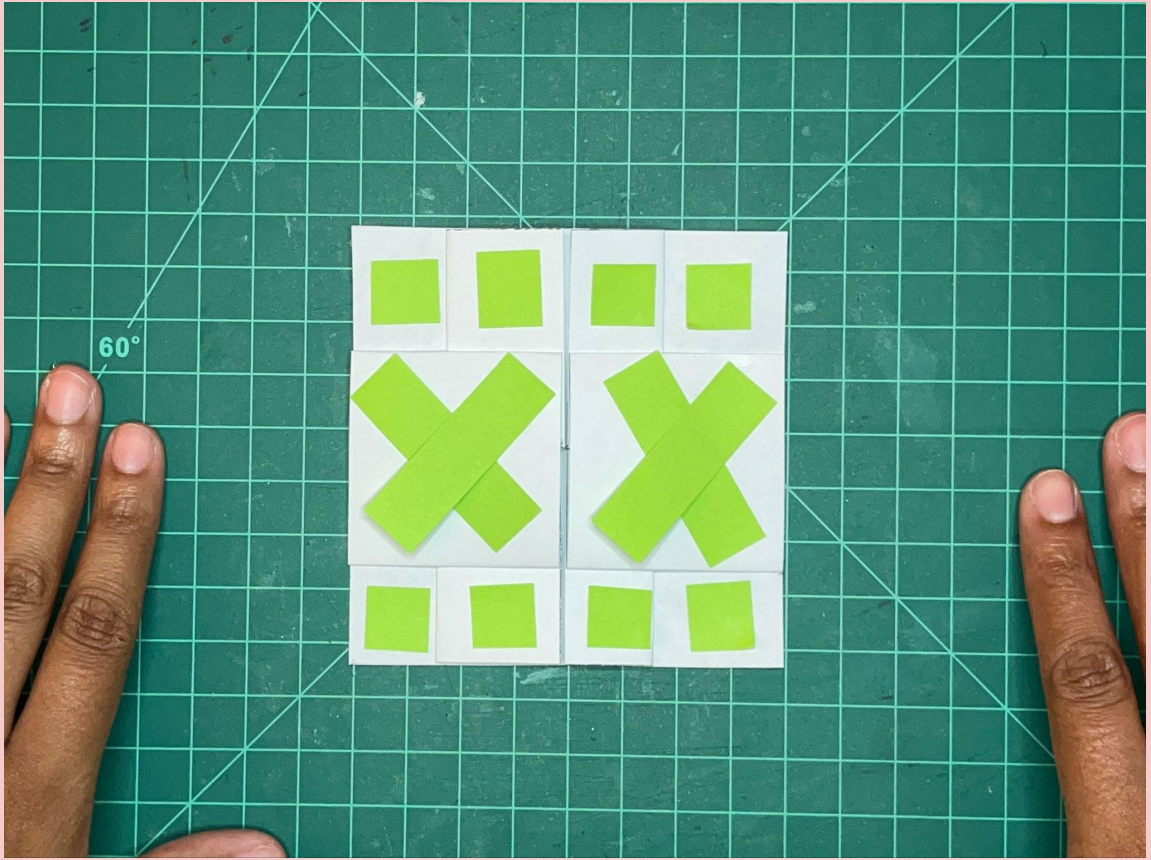
Once glue is on your spots, grab two more pieces and place them over the glue horizontally just like this.



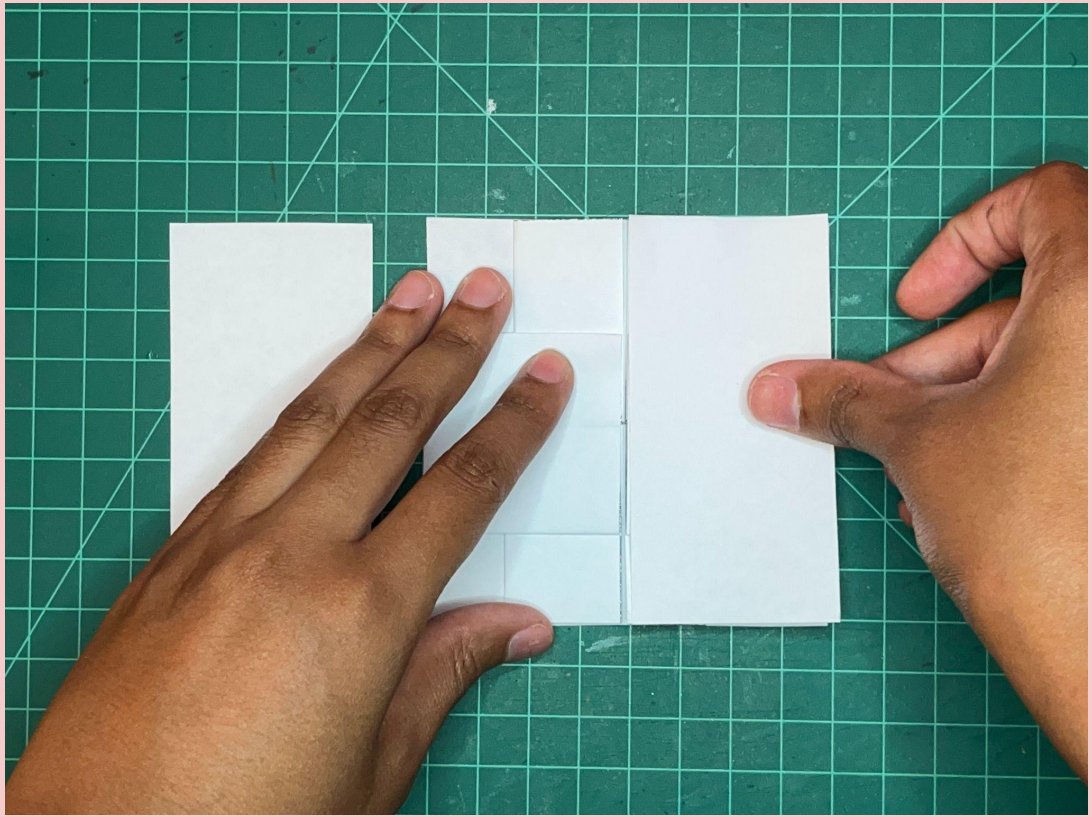


Now fold your flexagon open like this for the final part of assembly…

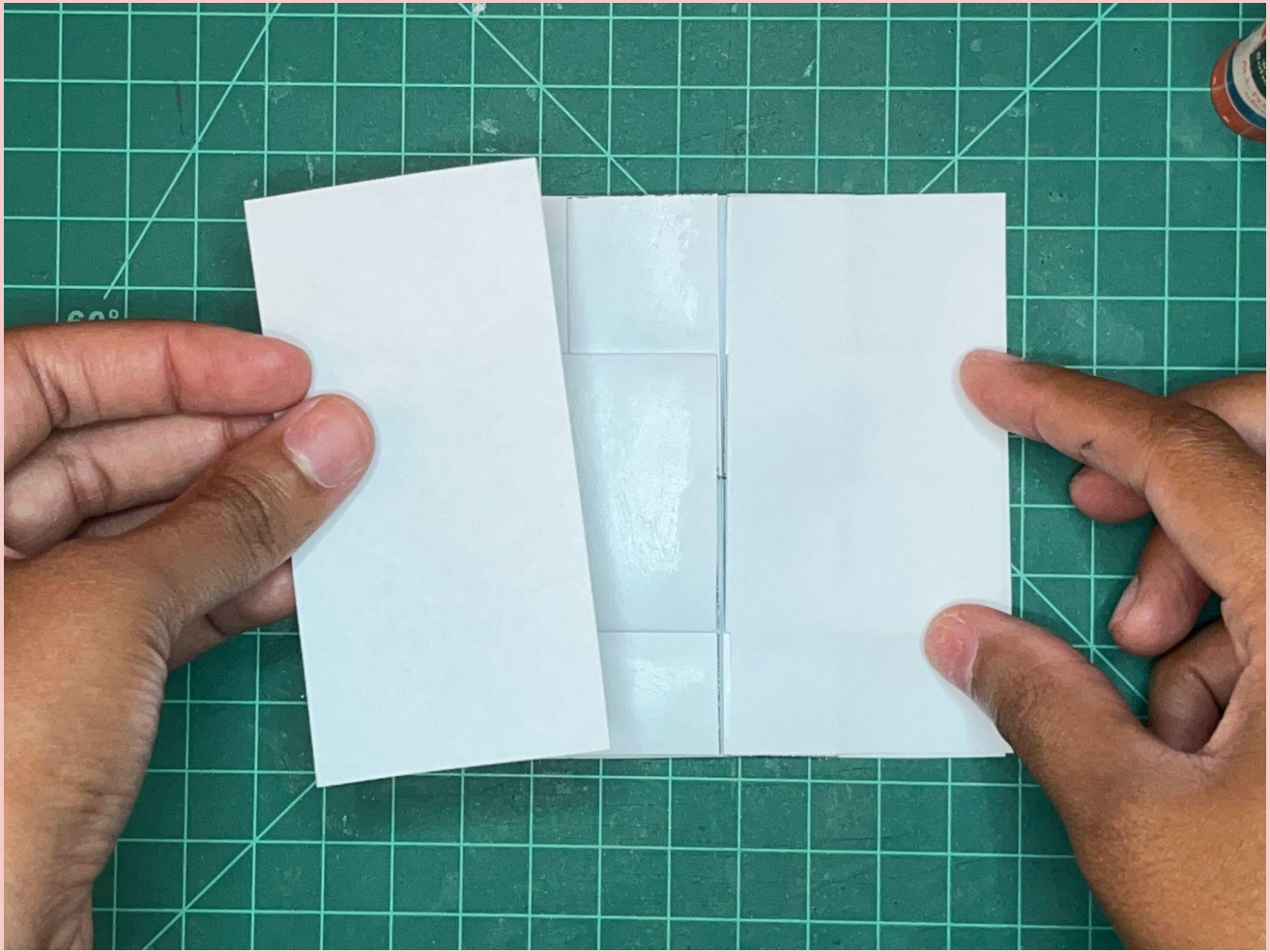
Just like the last time we folded, make sure you have a perfect square.

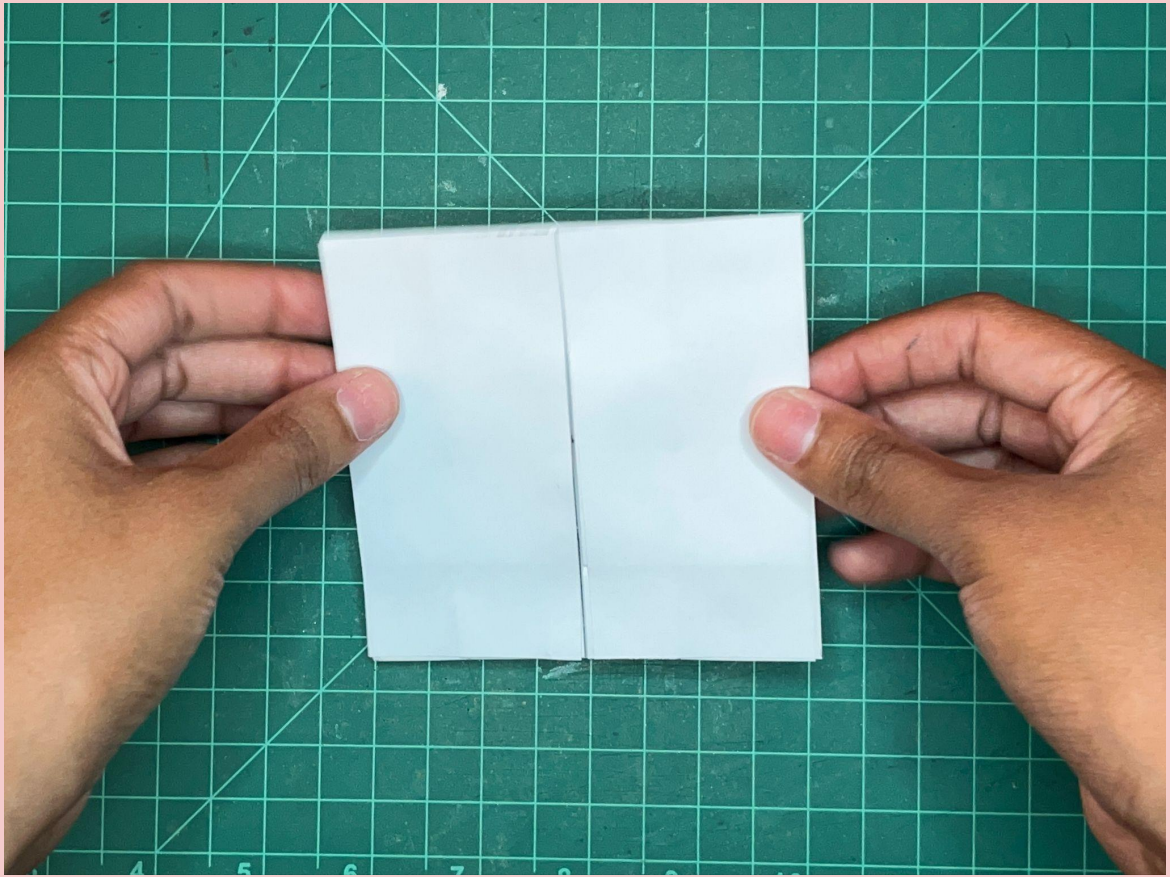


Every part is highlighted so glue goes in those spots!



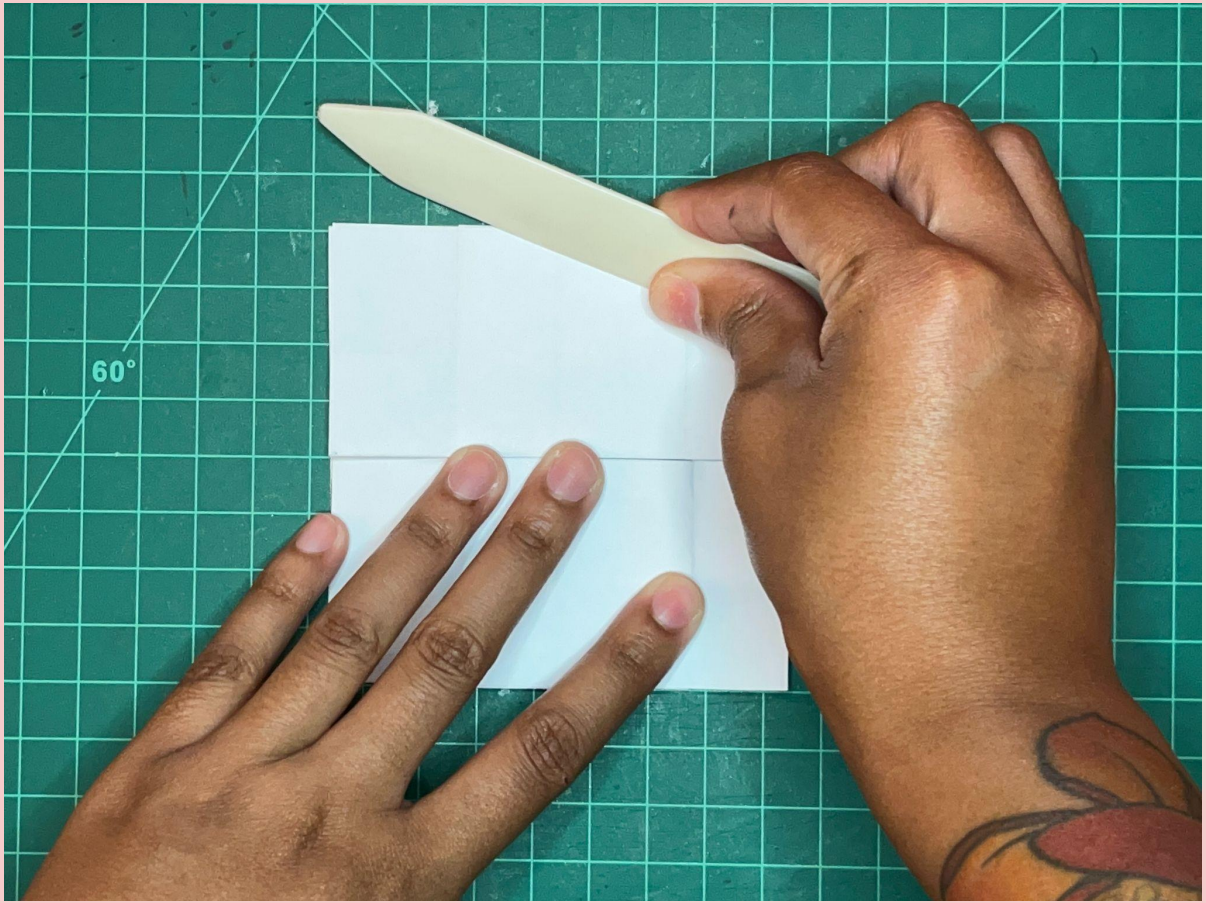
The final pieces will go on top of the glue as shown (vertically)





Congrats!

You just made your own flexagon ☺



Before we decorate, let’s go back and carefully flatten all the folds!

This will make it easier to fold over and over again 😇

Last step: Decorate however you want!

You can draw a picture, use magazines clipping to collage, write a note to a friend…this part is entirely up to you

If you want the templates to make a digital flexagon check out this youtube video:

How To Make An Endless Valentine Card by Peter Dahmen PapierDesign